

L3 ANSWER 221 OF 379 CA COPYRIGHT 2004 ACS on STN
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 TI Low-calcium **cement** for glass fiber reinforced **cement**
 (GRC) products
 IN Han, Ren; Hu, Guojun; Lou, Zonghan
 PA Zhejiang University, Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 7 pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 IC ICM C04B011-28
 ICS C04B022-08; C04B018-04
 CC 58-1 (Cement, Concrete, and Related Building Materials)
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1081426	A	19940202	CN 1993-105468	19930505
	CN 1032686	B	19960904		
PRAI	CN 1993-105468		19930505		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
CN 1081426	ICM	C04B011-28
	ICS	C04B022-08; C04B018-04

AB The low Ca **cement** comprises 50-62 wt.% aluminous **cement** clinkers and 38-50 wt.% gypsum. The **cement** may also contain <15% natural zeolite, limestone, slag, and/or coal ash and has fineness 250-400 m²/kg.. Preferably the **cement** has a chem. compn. of SiO₂ 1.2-8.1, Al₂O₃ 25.3-37.5, CaO 29.5-49.0, and SO₃ 13.0-24.0 wt.% and has a sp. surface area of 250-400 m²/kg.

ST glass fiber reinforcing low calcium **cement**; aluminous low calcium **cement** gypsum

IT **Cement**

Slags

(low-calcium **cement** from aluminous **cement** and gypsum for glass fiber reinforced **cement** products)

IT Limestone, uses

Zeolites, uses

RL: NUU (Other use, unclassified); USES (Uses)

(low-calcium **cement** from aluminous **cement** and gypsum for glass fiber reinforced **cement** products)

IT Ashes (residues)

(coal, low-calcium **cement** from aluminous **cement** and gypsum for glass fiber reinforced **cement** products)